

2004

Injury-related Hospital Discharges

MA Youth & Young Adults, Ages 15-24 Years

There were 4,643 injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2004, a rate of 545.3 per 100,000 youth. Motor vehicle traffic-related injuries were the leading cause of injury-related hospitalization for this age group, followed by poisonings.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Uninten- tional	Intentional		Undeter- mined	Other & Legal			
		Self- inflicted	Assault					
Cut/pierce	104	149	201	7	0	461	9.9	54.1
Drowning/submersion	6	1	0	0		7	0.2	0.8
Fall	513	4	0	7		524	11.3	61.5
Fire/burn	40	5	0	1		46	1.0	5.4
Firearms	23	1	110	10	2	146	3.1	17.1
Machinery	28					28	0.6	3.3
Natural/environmental	68	0		0		68	1.5	8.0
<i>Dog bites</i>	14	0		0		14	0.3	1.6
<i>Other bites & stings</i>	39	0		0		39	0.8	4.6
<i>All other (e.g. extreme cold)</i>	15	0		0		15	0.3	1.8
Overexertion	74					74	1.6	8.7
Poisoning	220	676	0	86	0	982	21.2	115.3
Struck by, against	213	0	171	0	2	386	8.3	45.3
Suffocation/hanging	5	6	0	1		12	0.3	1.4
Transport Injuries:	1,325	4	1	0	0	1,330	28.6	156.2
<i>Motor vehicle traffic-related</i>	1,155	4	1	0	0	1,160	25.0	136.2
<i>Occupant</i>	860					860	18.5	101.0
<i>Motorcyclist</i>	138					138	3.0	16.2
<i>Pedal cyclist</i>	30					30	0.6	3.5
<i>Pedestrian</i>	92					92	2.0	10.8
<i>Other person</i>	8					8	0.2	--
<i>Unspecified person</i>	27					27	0.6	3.2
<i>Pedal cyclist, other</i>	50					50	1.1	5.9
<i>Pedestrian, other</i>	3					3	0.1	--
<i>Other transport</i>	117					117	2.5	13.7
Other specified & classifiable	160	0	29	1	0	190	4.1	22.3
Other specified, not classifiable	54	23	26	10	1	114	2.5	13.4
Unspecified	105	6	35	2	0	148	3.2	17.4
Adverse Effects						35	0.8	4.1
No cause or intent provided						92	2.0	10.8
TOTALS	2,938	875	573	125	5	4,643	100.0	545.3
Injury Hospitalization Rate by Intent	345.1	102.8	67.3	14.7	0.6	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2003 - Sep 30, 2004).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Center for Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
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